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PTO/SB/21 (08-00)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

8 + 34  
references

Application Number

10/086,510

Filing Date

February 27, 2002

First Named Inventor

Fang-Tseng (Frank) CHANG, et al

Group Art Unit

1653

Examiner Name

To Be Assigned

Attorney Docket No.

505492000100

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declarations

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement  
(3 pages)

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

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☐ After Allowance Communication to  
Group

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify  
below):

- Form PTO-1449 (original + 1 copy (4 pages  
total))

- 34 References

- Return Receipt Postcard

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm

Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304

or

Individual Name

Jill A. Jacobson (Reg. No. 40,030)

Signature

*Jill A. Jacobson*

Date

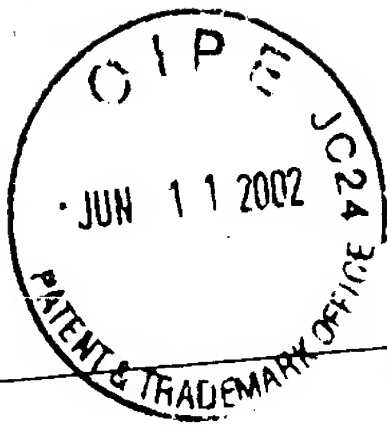
June 5, 2002

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PATENT  
Docket No. 505492000100

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*[Signature]*  
Mel Leung

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Fang-Tseh (Frank) CHANG, et al.

Serial No.: 10/086,510

Filing Date: February 27, 2002

For: METHODS AND COMPOSITIONS FOR  
PEARL OYSTER CULTIVATION

Examiner: To Be Assigned

Group Art Unit: 1653

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**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \* is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 505492000100. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 5, 2002

Respectfully submitted,

By: *Jill A. Jacobson*  
Jill A. Jacobson  
Registration No. 40,030

Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
Telephone: (650) 813-5876  
Facsimile: (650) 494-0792

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)



Docket Number 505492000100

Application Number 10/086,510

Applicant

Fang-Tseh (Frank) CHANG, et al.

Filing Date February 27, 2002

Group Art Unit 1653

Mailing Date June 5, 2002

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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	07/28/1987	4,683,195	Mullis et al.			
	2.	07/28/1987	4,683,202	Mullis			
	3.	04/12/1988	4,736,866	Leder et al.			
	4.	06/28/1988	4,754,065	Levenson et al.			
	5.	01/24/1989	4,800,159	Mullis et al.			
	6.	09/26/1989	4,870,009	Evans et al.			
	7.	10/10/1989	4,873,191	Wagner et al.			
	8.	06/23/1992	5,124,426	Primeaux, II et al.			
	9.	04/23/1996	5,510,270	Fodor et al.			
	10.	09/17/1996	5,556,752	Lockhart et al.			
	11.	11/26/1996	5,578,832	Trulson et al.			
	12.	10/19/1999	5,968,772	Matsuhiro			
	13.	12/14/1999	6,001,592	Nakashima et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	14.	Blanchard, A.P. et al. (1996). "High-density oligonucleotide arrays," <i>Biosensors &amp; Bioelectronics</i> 11(6/7):687-690.
	15.	DeRisi, J. et al. (1996). "Use of a cDNA microarray to analyse gene expression patterns in human cancer," <i>Nature Genetics</i> 14:457-460.
	16.	Fodor, S. et al. (1991). "Light-directed, spatially addressable parallel chemical synthesis," <i>Science</i> 251:767-773.

EXAMINER:

DATE CONSIDERED:

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Form PTO-1449		Docket Number 505492000100	Application Number 10/086,510
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Fang-Tseh (Frank) CHANG, et al.	
		Filing Date February 27, 2002	Group Art Unit 1653
		Mailing Date June 5, 2002	
17.	Khrapko, K.R. et al. (1991). "A method for DNA sequencing by hybridization with oligonucleotide matrix," <i>DNA Sequence-J. DNA Sequencing and Mapping</i> 1:375-388.		
18.	Komachi, K. et al. (1994). "The WD repeats of Tup1 interact with the homeo domain protein $\alpha 2$ ," <i>Genes &amp; Development</i> 8:2857-2867.		
19.	Kono, M. et al. (2000). "Molecular Mechanism of the Nacreous Layer Formation in <i>Pinctada maxima</i> ," <i>Biochemical and Biophysical Research Communications</i> 269(1):213-218.		
20.	Lockhart, D.J. et al. (1996). "Expression monitoring by hybridization to high-density oligonucleotide arrays," <i>Nature Biotechnology</i> 14:1675-1680.		
21.	Marshall, A. and Hodgson, J. (1998). "DNA chips: An array of possibilities," <i>Nature Biotechnology</i> 16:27-31		
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28.	Schena, M. et al. (1995). "Quantitative monitoring of gene expression patterns with a complementary DNA microarray," <i>Science</i> 270:467-470.		
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31.	Smith, T.F. and Waterman, M.S. (1981). "Comparison of biosequences," <i>Advances in Applied Mathematics</i> 2:482-489.		
32.	Spira, G. et al. (1984). "The identification of monoclonal class switch variants by sib selection and an ELISA assay," <i>Journal of Immunological Methods</i> 74:307-315.		
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34.	Tam, J.P. (1989). "High-density multiple antigen-peptide system for preparation of antipeptide antibodies," <i>Methods of Enzymology</i> 168:7-15.		
EXAMINER:		DATE CONSIDERED:	
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